

AMENDMENT

IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently amended) A silicone rubber having very high tear propagation resistance, containing [[a]] an effective amount of structurally modified, vinyl-modified hydrophobic pyrogenic silica having a BET between 10 and 1000 m.²/g as filler.
2. (Currently amended) The silicone rubber according to claim 1, wherein the structurally modified hydrophobic pyrogenic silica filler ~~is produced by flame oxidation or flame hydrolysis,~~ which silica has a BET between 25 and 400 ~~10 and 1000 m.²/g, is rendered hydrophobic and is~~ structurally modified.
3. (Previously Presented) The silicone rubber according to claim 1, wherein the silicone rubber is a liquid silicone rubber.
4. (New) The silicone rubber according to claim 1, wherein the structurally modified hydrophobic pyrogenic silica has a compacted bulk density of at least approximately 120 g/l.